

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20020162539"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 10:58
L2	2	"20020041475"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 11:00
L3	2	"20040008032"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 11:01
S1	297	361/139.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 09:33
S2	70	"4736267" "6232781" "5173832" 2002/0162539 "6497222" "6700301" 2002/0041475 "6820474" 2004/0008032	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 09:38
S3	4	"1138917" "0358972" "1139442" "19723456" "68902028" "19936858" "10033196" "10016476"	EPO	OR	ON	2006/04/04 09:37
S5	46	"5512756" "6300753" "6311950" "6487505" "6349705" "6435162" "6366868" "6563252" "6661155" "6460657"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 09:49
S6	3124	(actuator) same (diagnostic diagnosis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 15:37

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S8	7	S6 and voltage same (second adj current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 11:24
S9	7	S6 and voltage same (second adj current) and current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 11:25
S10	7	"6366868"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 18:28
S11	2	"6366868" and second and piezo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 15:25
S12	3	"6366868" and current and piezo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 15:25
S13	18	(actuator) same (diagnostic diagnosis) and (second adj current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 16:20
S14	18	((actuator) same (diagnostic diagnosis)) and (second adj current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 15:43
S15	181	((((L inductance inductor bobine choke coil transformer solenoid actuator winding wound) actuator) same (diagnostic diagnosis)) and (second adj current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 17:16

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S16	36	((L inductance inductor bobine choke coil transformer solenoid actuator winding wound) actuator) same (diagnostic diagnosis)) and (second adj current)and fuel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 15:45
S17	2	((L inductance inductor bobine choke coil transformer solenoid actuator winding wound) actuator) same (diagnostic diagnosis)) and (second adj current)and fuel and piezo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 15:45
S18	174	(actuator) same (diagnostic diagnosis identification analysis examination classification determination projection prediction) and (second adj current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 16:21
S19	2194	((L inductance inductor bobine choke coil transformer solenoid actuator winding wound) actuator) same (driver)) and (second adj current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 17:17
S20	62	((L inductance inductor bobine choke coil transformer solenoid actuator winding wound) actuator) same (driver)) and (second adj current) and piezoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 17:17
S21	56858	(actuator drive) same transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 18:29
S22	2033	(actuator drive) same transformer same piezoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 18:30
S23	12	((actuator drive) same transformer same piezoelectric) and fuel and ((second adj current) I2 (current adj path))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 18:31

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S25	9	piezo adj drive adj voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 18:41
S26	441	piezo adj drive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 18:41
S27	33	(piezo adj drive) and fuel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 18:42
S28	1259	(piezo\$drive piezo\$charge piezo\$discharge piezo\$actuator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 22:55
S29	21	S28 same transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 19:04
S30	4	"2002000761"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 20:50
S33	76	"000761"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 20:51
S36	9	"1138917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 20:51

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S37	16	"5173832"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 20:53
S38	81	"4589401" "4618908" "4736267"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 21:03
S39	1	jp2002101673	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 21:14
S40	4	"2002101673"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 21:14
S41	16	"5173832"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 21:36
S42	56	(piezo\$drive piezo\$charge piezo\$discharge piezo\$actuator) and (charge same discharge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 22:56
S43	33	(piezo\$drive piezo\$charge piezo\$discharge piezo\$actuator) and (charge same discharge) and fuel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 12:34
S46	28	"3128679"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 23:04

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S47	5	(piezo\$drive piezo\$charge piezo\$discharge piezo\$actuator) and (charge same discharge) and fuel and charg\$3/discharg\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 12:35
S48	1227	(coil (electromagnetic adj actuator) solenoid) same (test\$3 sens\$3 detect\$3) and (short with ground) and short with (power supply)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 14:01
S49	1227	(coil (electromagnetic adj actuator) solenoid) same (test\$3 sens\$3 detect\$3) and (short with ground) and (short with (power supply))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 14:01
S50	4	(coil (electromagnetic adj actuator) solenoid) same (test\$3 sens\$3 detect\$3) and (short with ground) and (short with (power supply)) and fuel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 14:02
S51	167	(coil (electromagnetic adj actuator) solenoid) same (test\$3 sens\$3 detect\$3) and (short with ground) and (short with (power supply)) and fuel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 14:03
S52	31	(coil (electromagnetic adj actuator) solenoid) same (test\$3 sens\$3 detect\$3) and (short near ground) and (short near (power supply)) and fuel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 14:05
S53	10	(coil (electromagnetic adj actuator) solenoid) same (test\$3 sens\$3 detect\$3) and (short near ground) and (short near (power supply)) and ((second two) adj current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 14:16
S54	131	(coil (electromagnetic adj actuator) solenoid) same (test\$3 sens\$3 detect\$3) and (short with ground) and (short with (power supply)) and ((second two) adj.current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 16:40

## EAST Search History

S55	34	(L inductance inductor bobine choke coil transformer solenoid actuator winding wound) same (sens\$3 detect\$3 monitor\$3 measur\$3 spot\$4 distinguish\$3 examin\$3 inspect\$3 read\$3 recogniz\$3 spy\$3 study\$3 view\$3 watch\$3 audit\$3 catch\$3 observ\$3 analiz\$3 compar\$3 investigat\$3 control\$4 scan\$4 supervis\$3 track\$3 encounter\$3 ideintify\$3 notic\$3 reveal\$3 (track\$3 ADJ down) uncover\$3 unmask\$3 discover\$3 (figur\$3 ADJ out) determin\$3 differentiat\$3 dig\$4 discriminat\$3 perceiv\$3) same (short near32 ground) same (short near3 (power source)) and (((second two) near current) i2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 16:56
S56	1	(L inductance inductor bobine choke coil transformer solenoid actuator winding wound) same (sens\$3 detect\$3 monitor\$3 measur\$3 spot\$4 distinguish\$3 examin\$3 inspect\$3 read\$3 recogniz\$3 spy\$3 study\$3 view\$3 watch\$3 audit\$3 catch\$3 observ\$3 analiz\$3 compar\$3 investigat\$3 control\$4 scan\$4 supervis\$3 track\$3 encounter\$3 ideintify\$3 notic\$3 reveal\$3 (track\$3 ADJ down) uncover\$3 unmask\$3 discover\$3 (figur\$3 ADJ out) determin\$3 differentiat\$3 dig\$4 discriminat\$3 . perceiv\$3) same (short near32 ground) same (short near3 (power source)) and (((second two) near current) i2)and voltage and fuel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 16:45

## EAST Search History

S57	1	(L inductance inductor bobine choke coil transformer solenoid actuator winding wound) same (sens\$3 detect\$3 monitor\$3 measur\$3 spot\$4 distinguish\$3 examin\$3 inspect\$3 read\$3 recogniz\$3 spy\$3 study\$3 view\$3 watch\$3 audit\$3 catch\$3 observ\$3 analiz\$3 compar\$3 investigat\$3 control\$4 scan\$4 supervis\$3 track\$3 encounter\$3 ideintify\$3 notic\$3 reveal\$3 (track\$3 ADJ down) uncover\$3 unmask\$3 discover\$3 (figur\$3 ADJ out) determin\$3 differentiat\$3 dig\$4 discriminat\$3 perceiv\$3) same (short near32 ground) same (short near3 (power source)) and (((second two) near current) i2) and voltage and fuel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 16:45
S58	86	(L inductance inductor bobine choke coil transformer solenoid actuator winding wound) same (sens\$3 detect\$3 monitor\$3 measur\$3 spot\$4 distinguish\$3 examin\$3 inspect\$3 read\$3 recogniz\$3 spy\$3 study\$3 view\$3 watch\$3 audit\$3 catch\$3 observ\$3 analiz\$3 compar\$3 investigat\$3 control\$4 scan\$4 supervis\$3 track\$3 encounter\$3 ideintify\$3 notic\$3 reveal\$3 (track\$3 ADJ down) uncover\$3 unmask\$3 discover\$3 (figur\$3 ADJ out) determin\$3 differentiat\$3 dig\$4 discriminat\$3 perceiv\$3) and ((short near32 ground) same (short near3 (power source)) and (((second two) near current) i2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 16:58
S60	4	((("0020020") or ("0000761")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 17:32
S61	1	("20020000761").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 17:32
S63	2	09/824192	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 17:59